

**COMHELTACWINGPAC**  
**H-3 AE MAINTENANCE TECHNICIAN**  
**OJT SYLLABUS**

**Name:** \_\_\_\_\_ **Rate:** \_\_\_\_\_

1. Prerequisite to final certification is supervisor confidence gained through satisfactory task performance. Satisfactory task performance shall be monitored and documented on the individual's OJT syllabus.
2. Qualification entries will be made when an individual is considered fully qualified to perform tasks without supervision. Work center supervisors have qualification certification authority.
3. Qualification, once achieved, is considered current until:
  - a. qualification is removed for cause by command
  - b. individual transfers to another unit.
4. Entries shall have the qualifier's initials and dates; at no time will vertical lines be used between initials and dates. The work center supervisor's initials and dates are mandatory.
5. This syllabus is used to document OJT leading to job task qualification by the work center supervisor. OJT events shall be documented for all related tasks until the trainee is qualified. The work center supervisor may sign off qualification when satisfied the trainee is fully qualified to perform tasks without supervision. This may be accomplished after only one OJT event or it may require many; the decision rests with the work center supervisor. This OJT syllabus is to be maintained in a centralized location accessible to the trainee at all times. Once completed, this form will be filed on the Right Side, Section 3, of the Qualification/Certification Record. When designated as a CDI, CDQAR, or QAR, this form will be filed in the Certification/Designation section of the Qualification/Certification Record (Left Side) behind the Designation form.
6. The work center supervisor is responsible and accountable for reviewing any member's previous OJT. The work center LPO may conduct a proficiency review with the member. Signature of work center LPO below states that all previous OJT Skill Certifications were reviewed.

Legible Signature of Work Center LPO: \_\_\_\_\_  
Date: \_\_\_\_\_

OJT/Instructor/Supervisor Sign off Key (print name then sign your initials):

Name: _____	Initials: _____	Name: _____	Initials: _____
Name: _____	Initials: _____	Name: _____	Initials: _____
Name: _____	Initials: _____	Name: _____	Initials: _____

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
<b>Perform the following tasks:</b>				
Replace Blade Fold Relays				
Replace Blade Fold Pressure Switch				
Replace Blade Fold Slip-Rings/Brush Blocks				
Replace Blade Fold Lock Valve				
Replace Blade Fold Limit Switches				
Replace Pylon Lock Pin Limit Switch				
Replace Pylon Spread Limit Switch				
Replace Blade Fold Christmas Tree				
Discuss Blade Fold system				
Replace Starter Drop-out Relays				
Replace Engine Starter Switches				
Replace Engine Starter Abort Switches				
Replace Engine Ignition Switch				
Replace Engine Ignition Unit				
Replace MGB Oil Pressure Transmitter/Indicator				
Replace the MGB Low Oil Pressure Switch				
Replace the MGB Oil Temperature Bulb				
Replace the MGB Oil Temperature Indicator				
Replace the MGB Temperature Control Unit (Plugstat)				
Replace the Hot Oil Warning Relay				
Replace MGB Chip Detectors				
Replace IGB/TGB Chip Detectors				
Replace Accessory Drive Interlock Limit Switches				
Replace Linear Actuator				
Replace Engine Oil Pressure Indicators				
Replace Engine Oil Pressure Transmitters				
Replace Engine Temperature Indicator				
Replace Engine Torque Transmitter/Indicator				
Replace Engine Gas Generator (Ng) Indicator				
Replace Engine Gas Generator (Ng) Tachometer Generator				
Replace T5 Thermocouple Harness				
Replace Anti-ice Switches				
Replace Temperature Controller				
Replace Anti-ice Advisory/Caution Capsules				
Replace Anti-ice Solenoid Valves				
Replace A/C Generators				
Replace Supervisory/Voltage Regulator Panels				

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
<b>Perform the following tasks:</b>				
Replace Generator Main Line Contactors				
Discuss Operation of A/C External Power Receptacle				
Replace A/C Invertor				
Replace A/C Frequency Sensor				
Replace the D/C Transformer Rectifiers				
Replace Battery				
Replace Master Caution Panel				
Replace Advisory Panel				
Replace Primary Hydraulic Pressure Transmitter				
Replace Primary Hydraulic Pressure Indicator				
Replace Primary Hydraulic Pressure Switch				
Replace Auxiliary Hydraulic Pressure Transmitter				
Replace Auxiliary Hydraulic Pressure Indicator				
Replace Auxiliary Hydraulic Pressure Switch				
Replace Utility Hydraulic Pressure Transmitter				
Replace Utility Hydraulic Pressure Indicator				
Replace Fuel Quantity Probes				
Replace Fuel Quantity Indicator				
Replace Fuel Gauging Units				
Replace Fuel Management Panel				
Replace Fuel Boost Pump Relays				
Replace Fuel Boost Pump Pressure Switches				
Replace Fire Detection Sensing Element				
Replace Fire Detection Control Units				
Replace Fire Detection Flex Leads				
Troubleshoot Fire extinguisher system				
Replace the A24G-39 Gyro				
Replace the 1080Y Gyro				
Discuss Operation of the Power Failure Detectors				
Replace VGI Indicator				
Replace VGI Indicator Light Fuses				
Replace Turn & Slip Indicator				
Replace Port Displacement Gyro				
Replace Electronic Control Amplifier (ECA)				
Replace Compass Controller				
Replace Compass Transmitter (Flux Valve)				

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
Perform Compass Swing				

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
<b>Perform the following tasks:</b>				
Replace Altitude Controller (Bar Alt Controller)				
Replace ASE Amplifier				
Replace ASE Control Panel				
Replace ASE Gyros				
Replace Channel Monitor Control Panel				
Replace Dual Channel Lag Amplifier				
Replace Hover Indicators				
Replace Cyclic/Collective Stick Grip				
Replace Yaw Rate Gyros				
Replace Hover Trim Control Panel				
Null Port & Starboard Gyros				
Track & Null ASE Accelerometers				
Adjust Forward D.C.L.A.				
Adjust Attitude Demodulator				
Adjust/Align Stick Position Sensors				
Adjust Hover Trim Control Panel				
Perform 7-Day Inspection				
Perform 14-Day Inspection				
Perform 28-Day Inspection				
Perform 56-Day Inspection				
Perform 112-Day Inspection				
Perform 180-Day Inspection				
Perform 224-Day Inspection				
Perform 364-Day Inspection				
Perform Aircraft Preservation				
Perform Aircraft De-preservation				
Perform Phase A Inspection				
Perform Phase B Inspection				
Perform Phase C Inspection				
Perform Phase D Inspection				
<b>Perform/discuss the following:</b>				
A/C Generator:				
Remove/Install A/C generator				
A/C Generator:				
Battery Tuning				
Chip detector continuity check				
Discuss Pitot Static System				
Discuss the Landing Gear System				
Perform Fire Ext. system continuity check				
Perform fire warning system continuity check				
Indicating system:				
Torque indicating system				
Indicating system:				
Engine T5 indicating system				

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
Indicating system: Engine Ng and Nf indicating system				

OJT TASK:	QUALIFIER	DATE	SUPERVISOR	DATE
<b>Perform/discuss the following:</b>				
Indicating system: Main transmission indicating system				
Flight reference system: Remove/Install ECA				
Flight reference system: Compass swing				
Automatic stabilization system: Remove/Install ASE amplifier				
Automatic stabilization system: ASE baseline check				